

ABSTRACT

The present invention relates to subterranean drilling and well completion operations, and more particularly, to improved casing that comprises stress-absorbing materials and associated methods of use. In some embodiments, the present invention discloses methods of casing a well bore that comprise the steps of providing a casing that comprises a stress-absorbing material; and placing the casing into the well bore. In other embodiments, the present invention provides improved casing that comprises stress-absorbing materials and methods of reducing the transmission of stress from a casing to a cement sheath.